



JOHN ELIAS BALDACCI

GOVERNOR

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE
04333-0016

DAVID A. COLE

COMMISSIONER

October 27, 2006
Subject: **Statewide Electrical Services
Amendment No. 1**

Dear Sir/Ms:

Please make the following changes to the Bid Documents:

On the "Notice to Contractors" page, in the first paragraph, within the first sentence, change the Bid Opening Date from: **November 1, 2006** to **November 8, 2006**, Make this change in pen and ink.

REMOVE in its entirety the: "MaineDOT Schedule of Items" seven pages total and REPLACE with the new attached: "MaineDOT Schedule of Items" seven pages total, with the revised date of October 27, 2006.

Consider these changes prior to submitting your bid on November 8, 2006.

Sincerely,

Scott Bickford
Contracts & Specifications Engineer



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THE MAINE DEPARTMENT OF TRANSPORTATION IS AN AFFIRMATIVE ACTION - EQUAL OPPORTUNITY EMPLOYER

**MaineDOT Schedule of Items
STATEWIDE ELECTRICAL SERVICES AND
PARTS FOR STATEWIDE WORK
MAINE DEPARTMENT OF TRANSPORTATION**

The Maine Department of Transportation (MDOT) proposes to procure general electrical services and parts for statewide maintenance. All work will be completed as required by Maine DOT in accordance with Specifications, Plans and the MDOT's Best Management Practices for Erosion and Sedimentation Control Manual (MDOT BMP Manual).

The Maine Department of Transportation proposes to procure general electrical services and parts for repairs to Traffic Signals, Overhead Flashing Beacons, Overhead Lighting and all appurtenances attached to these devices.

General Electrical Service Requirements

All work must be performed by or under a Master Electrician. Hourly wages must comply with State of Maine Wage Rates. Work will be on an as needed basis. Provider shall be on-call 24 hours/day and have the ability to respond and underway to the job site within an hour. All parts shall meet National Electrical Code, ITE, and IES Standards. All work and parts needed to complete this contract shall be governed by and be in conformity with the Standard Specifications for Highway and Bridges (December 2002 edition) and the Standard Details for Highway and Bridges (December 2002 edition). Traffic Control shall be in conformance with the latest edition of the Manual on Uniform Traffic Control Devices.

Additional Requirements for LED's

1.) All LED fixtures shall be Energy Star Qualified. LED fixtures shall have the capability to be installed in the housings produced by, but not limited to, the following manufacturers:

American Signal Co.; Eagle Signal Controls; Econolite Control Prod. Inc.; General Traffic Equipment Corp.; McCain Traffic Supply; Peek Traffic; Peek/Sarasota Traffic Inc.; Traffic Parts; LFE; Pelco; Crouse Hinds

Warranty for LED's

Manufacturer will provide the following warranty provisions:

(1) Replacement or repair of an LED signal module that fails to function as intended due to workmanship or material defects within the first 60 months from the date of delivery.

(2) Replacement or repair of LED signal modules that exhibit luminous intensity of less than the minimum values specified in Table 1 of ITE specification VTCSH-Part-2 July 1998, within the first 36 months from the date of delivery.

Criteria

The Department retains the right to select more than one successful bidder. Please submit the responsible price proposal based on the items listed below, a statement indicating your ability to respond in a timely manner (no more than 1 page) and brief overview of your staff and their qualifications (no more than 2 pages). If the submittal fails to meet the criteria above, the proposal will be rejected. The contract will be awarded to the firm or firms that have acceptable bid prices, have the ability to respond in a timely manner and are experienced/qualified. A responsible Price Proposal will be determined by dividing the proposed price for each item by a price MDOT has determined for each item and taking a sum of the quotients. Unbalanced line item Price Proposals will be just cause for rejecting a proposal. The Department will determine what justifies unbalanced Price Proposals.

Price Proposal

The Department is seeking a Price Proposal to supply and install the following items (costs are for item, labor, fully installed and in place):

Item	Unit	<u>Price</u>
12 inch Bi-model Yellow/Green Arrow LED	each	
12 inch Red Arrow LED	each	
12" inch Yellow Arrow LED	each	
12" inch Green Arrow LED	each	
12" inch Red Ball LED	each	
12" inch Yellow Ball LED	each	
12" inch Green Ball LED	each	
8" inch Red Ball LED	each	
8" inch Yellow Ball LED	each	
8" inch Green Ball LED	each	
TS-2 Type 1 Controller	each	
TS-2 Type 2 Controller	each	
6 foot by 40 foot quadrapole inductance loop (with IMSA Spec 51-5 loop wire with tube jacket)	each	
6 foot by 6 foot inductance loop (with IMSA Spec 51-5 loop wire with tube jacket)	each	
Microwave detector Type TC20	each	

Microwave detector Type TC26	each	
Directional Boring	Linear Foot	
Microwave detector presence Type	each	
Signal cable direct earth burial (12 AWG) 4 conductor	Linear Foot	
Signal cable direct earth burial (12 AWG) 7 conductor	Linear Foot	
Signal cable direct earth burial (12 AWG) 12 conductor	Linear Foot	
Self supporting aerial cable (12 AWG) 5 conductor	Linear Foot	
Self supporting aerial cable (12 AWG) 7 conductor	Linear Foot	
Self supporting aerial cable (12 AWG) 12 conductor	Linear Foot	
Communication cable (19AWG 12 pair) IMSA Spec 59-2 and 60-2	Linear Foot	
Pre-wired Conduit #10 wire (3 conductor)	Linear Foot	
Pre-wired Conduit #8 wire (3 conductor)	Linear Foot	
Pre-wired Conduit #6 wire (3 conductor)	Linear Foot	
Pre-wired Conduit #3 wire (3 conductor)	Linear Foot	
Pre-wired Conduit #2 wire (3 conductor)	Linear Foot	
Pre-wired Conduit #1 wire (3 conductor)	Linear Foot	
Controller Cabinet Type M	each	
Controller Cabinet Type P	each	
Controller Cabinet Type F	each	
Controller Cabinet Type M (with back panel)	each	
Controller Cabinet Type P (with back panel)	each	
Controller Cabinet Type F (with back panel)	each	
Malfunction Management Unit	each	
NEMA Conflict Monitor 12 Channel	each	

Dual Indicator Load switches	each	
Loop amplifiers (2 channel) rack mounted	each	
Loop amplifiers (Single channel) shelf mounted	each	
Span wire (5/16 inch)	Linear Foot	
Tether wire (1/4 inch)	Linear Foot	
Strand vise (5/16 inch)	each	
250 Watt Metal Halide Bulb	each	
150 Watt Metal Halide Bulb	each	
250 Watt High Pressure Sodium Bulb (IES distribution Type 2)	each	
250 Watt High Pressure Sodium Bulb (IES distribution Type 3)	each	
150 Watt High Pressure Sodium Bulb (IES distribution Type 2)	each	
150 Watt High Pressure Sodium Bulb (IES distribution Type 3)	each	
18" Concrete Foundation	each	
24" Concrete Foundation	each	
30" Concrete Foundation	each	
36" Concrete Foundation	each	
Manitoba Safety T-base or approved equal	each	
Frangible Coupling Breakaway Transformer Base	each	
Junction Box (see MDOT Standard Details)	each	
Light fixture (Mongoose Type) full IES cutoff for 150 watt high pressure sodium	each	
Light fixture (Mongoose Type) full IES cutoff for 250 watt high pressure sodium	each	
Light fixture (Mongoose Type) full IES cutoff for 150 watt metal Halide	each	
Light fixture (Mongoose Type) full IES cutoff for 250 watt Metal Halide	each	
Light fixture (Cobrahead Type) full IES cutoff for 150	each	

watt high pressure sodium		
Light fixture Cobrahead Type) full IES cutoff for 250 watt high pressure sodium	each	
Light fixture (Cobrahead Type) full IES cutoff for 150 watt metal Halide	each	
Light fixture Cobrahead Type) full IES cutoff for 250 watt Metal Halide	each	
PVC Schedule 40	Linear Foot	
PVC Schedule 80	Linear Foot	
Signal Housing for 12" signal head	each	
Traffic Control for 4 way intersection (Including signs, drums, cones)	Lump sum	
Traffic Control for 3 way intersection (Including signs, drums, cones)	Lump sum	
Traffic Control for Interstate Shoulder closure (Including signs, drums, cones)	Lump sum	
Traffic Control for Interstate lane closure (Including signs, drums, cones)	Lump sum	
Pedestal Poles (10 foot)	each	
Pedestrian Heads (18 inch LED)	each	
Pedestrian Heads (18 inch LED countdown)	each	
40 foot aluminum light pole	each	
Wood poles with guys	each	
Back plates for 3-section heads	each	
Back plates for 4-section heads	each	
Back plates for 5-section heads	each	
Bracket arms for light poles	each	
Astro-bracket for 5-section head	each	
Astro-bracket for 5-section head	each	
goosenecks	each	
Pedestrian Push Button	each	

Span wire mount bracket	each	
Tether Clamp Assembly	each	
Flash transfer relay (35 amps)	each	
Mercury relays (30 amps)	each	
Line filters (30 amps)	each	
Solar panel (45 watt) with mounting brackets	each	
Flagger	hour	
12 inch Bi-model Yellow/Green Arrow LED	each	
12 inch Red Arrow LED	each	
Travel Time to Region 1 (time to travel to and from any site in the region, includes time for an electrician to travel both ways and the cost of bucket truck, including fuel)	LS	
Travel Time to Region 2 (time to travel to and from any site in the region, includes time for an electrician to travel both ways and the cost of bucket truck, including fuel)	LS	
Travel Time to Region 3 (time to travel to and from any site in the region, includes time for an electrician to travel both ways and the cost of bucket truck, including fuel)	LS	
Travel Time to Region 4 (time to travel to and from any site in the region, includes time for an electrician to travel both ways and the cost of bucket truck, including fuel)	LS	
Travel Time to Region 5 (time to travel to and from any site in the region, includes time for an electrician to travel both ways and the cost of bucket truck, including fuel)	LS	

Regions 1 thru 5 are as shown on the attached map, for a list of towns in a region, please contact Stephen Landry at Stephen.landry@maine.gov and one will be sent to you electronically.

CONTRACTOR INFORMATION

(Date)

(Signature)

(Name and Title Printed)

(Contractor Name)

(Federal Taxpayer ID Number or Social Security
Number)

Mailing Address:

Street/PO Box City State Zip

Sole Proprietorship - Partnership - (circle one)

Corporation – Company - Association - Estate - (circle one)